

N/A

CRF Errors Corrected by the STIC Systems Branch

1642

Serial Number: 09/121,587

CRF Processing Date: 4/12/99
Edited by: AV
Verified by: AV (STIC staff)

#13

ENTERED

RECEIVED
APR 18 2000
C 1600 MAIL ROOM

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: Seq 19 - moved nucleic end labels over to left

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/121,587DATE: 04/12/1999
TIME: 12:11:50

Input Set: I121587.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

RECEIVED
APR 18 2000
TC 1600 MAIL ROOM

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2 Guirakhoo, Farshad
3 Monath, Thomas P.
4 <120> TITLE OF INVENTION: CHIMERIC FLAVIVIRUS VACCINES
5 <130> FILE REFERENCE: 06132/033003
6 <140> CURRENT APPLICATION NUMBER: US/09/121,587
7 <141> CURRENT FILING DATE: 1998-07-23
8 <150> EARLIER APPLICATION NUMBER: 08/807,445
9 <151> EARLIER FILING DATE: 1997-02-28
10 <150> EARLIER APPLICATION NUMBER: 09/007,664
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160     1             5             10             15
161     caa gag aaa ggg aaa agt ctt ttg ttt aaa aca gag gat ggc gtg aac            96
162     Gln Glu Lys Gly Lys Ser Leu Leu Phe Lys Thr Glu Asp Gly Val Asn
163     20             25             30
164     atg tgc acc ctc atg gcc atg gac ctt ggt gaa ttg tgt gaa gac aca            144
165     Met Cys Thr Leu Met Ala Met Asp Leu Gly Glu Leu Cys Glu Asp Thr
166     35             40             45
167     atc acg tac aag tgt ccc ctt ctc agg cag aat gag cca gaa gac ata            192
168     Ile Thr Tyr Lys Cys Pro Leu Leu Arg Gln Asn Glu Pro Glu Asp Ile
169     50             55             60
170     gac tgc tgg tgc aac tcc acg tcc acg tgg gta acc tat ggg act tgt            240
171     Asp Cys Trp Cys Asn Ser Thr Ser Thr Trp Val Thr Tyr Gly Thr Cys
172     65             70             75             80
173     acc acc acg gga gaa cat aga aga gaa aaa aga tca gtg gca ctc gtt            288
174     Thr Thr Thr Gly Glu His Arg Arg Glu Lys Arg Ser Val Ala Leu Val
175     85             90             95
176     cca cat gtg gga atg gga ctg gag acg cga act gaa aca tgg atg tca            336
177     Pro His Val Gly Met Gly Leu Glu Thr Arg Thr Glu Thr Trp Met Ser
178     100            105            110
179     tca gaa ggg gct tgg aaa cat gcc cag aga att gaa att tgg atc ctg            384
180     Ser Glu Gly Ala Trp Lys His Ala Gln Arg Ile Glu Ile Trp Ile Leu
181     115            120            125
182     aga cat cca ggc ttc acc ata atg gca gca atc ctg gca tac acc ata            432
183     Arg His Pro Gly Phe Thr Ile Met Ala Ala Ile Leu Ala Tyr Thr Ile
184     130            135            140
185     ggg acg aca cat ttc cag aga gca ctg att ttc atc tta ctg aca gct            480
186     Gly Thr Thr His Phe Gln Arg Ala Leu Ile Phe Ile Leu Leu Thr Ala
187     145            150            155            160
188     gtc gct cct tca atg aca atg cgt tgc ata gga ata tca aat aga gac            528
189     Val Ala Pro Ser Met Thr Met Arg Cys Ile Gly Ile Ser Asn Arg Asp
190     165            170            175
191     ttt gta gaa ggg gtt tca gga gga agc tgg gtt gac ata gtc tta gaa            576
192     Phe Val Glu Gly Val Ser Gly Gly Ser Trp Val Asp Ile Val Leu Glu
193     180            185            190
194     cat gga agc tgt gtg acg acg atg gca aaa aac aaa cca aca ttg gat            624

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197	ttt gaa ctg ata aaa aca gaa gcc aaa cag cct gcc acc cta agg aag	672
198	Phe Glu Leu Ile Lys Thr Glu Ala Lys Gln Pro Ala Thr Leu Arg Lys	
199	210 215 220	
200	tac tgt ata gag gca aag cta acc aac aca aca aca gaa tct cgt tgc	720
201	Tyr Cys Ile Glu Ala Lys Leu Thr Asn Thr Thr Thr Glu Ser Arg Cys	
202	225 230 235 240	
203	cca aca caa ggg gaa ccc agc cta aat gaa gag cag gat aaa agg ttc	768
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205	245 250 255	
206	gtc tgc aaa cac tcc atg gta gac aga gga tgg gga aat gga tgt gga	816
207	Val Cys Lys His Ser Met Val Asp Arg Gly Trp Gly Asn Gly Cys Gly	
208	260 265 270	
209	tta ttt gga aag gga ggc att gtg acc tgt gct atg ttc aca tgc aaa	864
210	Leu Phe Gly Lys Gly Gly Ile Val Thr Cys Ala Met Phe Thr Cys Lys	
211	275 280 285	
212	aag aac atg gag gga aaa gtt gtg cag cca gaa aac ttg gaa tac acc	912
213	Lys Asn Met Glu Gly Lys Val Val Gln Pro Glu Asn Leu Glu Tyr Thr	
214	290 295 300	
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218	aca gga aaa cat ggc aag gaa atc aaa gta aca cca cag agt tcc atc	1008
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221	aca gaa gca gaa ttg aca ggt tat ggc act gtc acg atg gag tgc tct	1056
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224	ccg aga aca ggc ctc gac ttc aat gag atg gtg ttg ctg cag atg gaa	1104
225	Pro Arg Thr Gly Leu Asp Phe Asn Glu Met Val Leu Leu Gln Met Glu	
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227	aat aaa gct tgg ctg gtg cat agg caa tgg ttc cta gac ctg ccg tta	1152
228	Asn Lys Ala Trp Leu Val His Arg Gln Trp Phe Leu Asp Leu Pro Leu	
229	370 375 380	
230	cca tgg ctg ccc gga gcg gac aca caa ggg tca aat tgg ata caa aaa	1200
231	Pro Trp Leu Pro Gly Ala Asp Thr Gln Gly Ser Asn Trp Ile Gln Lys	
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233	gaa aca ttg gtc act ttc aaa aat cct cat gcg aag aaa cag gat gtt	1248
234	Glu Thr Leu Val Thr Phe Lys Asn Pro His Ala Lys Lys Gln Asp Val	
235	405 410 415	
236	gtt gtt tta gga tcc caa gaa ggg gcc atg cac aca gca ctc aca ggg	1296
237	Val Val Leu Gly Ser Gln Glu Gly Ala Met His Thr Ala Leu Thr Gly	
238	420 425 430	
239	gcc aca gaa atc caa atg tca tca gga aac tta ctc ttc aca gga cat	1344
240	Ala Thr Glu Ile Gln Met Ser Ser Gly Asn Leu Leu Phe Thr Gly His	
241	435 440 445	
242	ctc aag tgc agg ctg aga atg gac aag cta cag ctc aaa gga atg tca	1392
243	Leu Lys Cys Arg Leu Arg Met Asp Lys Leu Gln Leu Lys Gly Met Ser	
244	450 455 460	

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VERIFICATION SUMMARY
PATENT APPLICATION US/09/121,587

DATE: 04/12/1999

TIME: 12:11:50

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Line ? Error/Warning

Original Text

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PAGE: 4

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/121,587

DATE: 04/12/1999
TIME: 12:11:50

Input Set: I121587.RAW

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/121,587DATE: 04/12/1999
TIME: 12:11:50

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203	acaacaatga	ggggggcgaa	gagaatggcc	attttgggtg	acacagcctg	ggattttgga	11700
204	tccctgggag	gagtgtttac	atctatagga	aaagccctcc	accaagtctt	tggagcaatc	11760
205	tatggagctg	ccttcagtgg	ggtctcatgg	actatgaaaa	tcctcatagg	agtcattatc	11820
206	acatggatag	gaatgaattc	acgcagcacc	tcactgtctg	tgtcactagt	attggtggga	11880
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/121,587

DATE: 04/12/1999
TIME: 11:11:44

Input Set: I121587.RAW

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

1 <110> Chambers, Thomas J.
2 Guirakhoo, Farshad
3 Monath, Thomas P.
4 <120> CHIMERIC FLAVIVIRUS VACCINES
5 <130> 06132/033003
6 <140> US/09/121,587
7 <141> 1998-07-23
8 <150> 08/807,445
9 <151> 1997-02-28
10 <150> 09/007,664
11 <151> 1998-01-15
12 <160> 20
13 <170> FastSEQ for Windows Version 3.0

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES FOLLOW

14 <210> 19
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16 <212> DNA
17 <213> Artificial Sequence
18 <220>
19 <223> Derived from Yellow Fever virus and Japanese
20 Encephalitis virus
21 <400> 19
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E--> 24 c gaggagttcg 180ctccttgtca aacaaaataa aacaaaaaac aaaacaaatt ggaaacagac ct
W--> 25
E--> 26 aacggatgtg gatttttctcg gaagggaagc 360attgacacat gtgcaaaatt ctctgcacc agta
W--> 27
E--> 28 gcgcaagt tggggcgctcc caggcggcaa agtttacagt aacacccaat 540gtccttctcg tagccc
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E--> 38 ttag ccacaggagg tgtgctcgtg 1500ttccttagcga ccatgtgggc gccgatcaag gatgcgccat
W--> 39

*more nucleic
acids may be
left*

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/121,587

DATE: 04/12/1999

TIME: 11:11:44

Input Set: I121587.RAW

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E--> 43      tc tggaattctt      1980tccagataga ggagtttggg acgggagtgt tcaccacacg cgtgtacatg g
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RAW SEQUENCE LISTING
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DATE: 04/12/1999
 TIME: 11:11:44

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E--> 95      gcattgt cctagcatca gctgccttag ggccgctcat agagggaaac accagccttc      6600tttgaa
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/121,587

DATE: 04/12/1999

TIME: 11:11:44

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E--> 141      caacaac agaattctcgt tgcccaacac aagggaacc cagcctaaat 10680gaagagcagg ataaaag
W--> 142      10800aacatggagg gaaaagttgt gcagccagaa aacttggaat acaccattgt ggtaacaccc 108
E--> 143      atggcac tgtcacgatg 10980gagtgtcttc cgagaacagg cctcgacttc aatgagatgg tgttgct
W--> 144
E--> 145      taaaa aaagaaacat tggtcacttt caaaaatcct 11160catgcgaaga aacaggatgt tgttgtttt
W--> 146
E--> 147      ggc tgagaatgga caagctacag ctcaaaggaa tgtcatactc tatgtgcaca 11340ggaaagtta
W--> 148
E--> 149      tggaa 11460aaaagacatg tcttaggtcg cctgatcaca gtcaacccaa ttgtgacaga aaaagatag
W--> 150
E--> 151      gtt ctatcgcca aatgtttgag 11640acaacaatga ggggggcgaa gagaatggcc attttgggtg
W--> 152
E--> 153      g ggtctcatgg actatgaaaa tcctcatagg agtcattatc 11820acatggatag gaatgaattc ac
```